

FORM PTO-1449 (Rev. 2-32)	U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. NOT YET ASSIGNED	DOCKET NO. Q57339
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Minoru MIYATAKE and Takafumi SAKURAMOTO	
(Use several sheets if necessary)		FILING DATE December 21, 1999	GROUP 162

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
<i>dc</i>	87/01822	03/26/87	WO	G02F	1/13	
<i>✓</i>	0 506 176 A1	09/30/92	EP	C09K	19/54	
<i>✓</i>	9-274108	10/21/97	JP	G02B	5/30	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. (Form PTO-1449 [6-4])